

QUICK FOUR STEP GUIDE TO CHILDHOOD LEAD POISONING SCREENING IN VIRGINIA

(Please pull out and save)

STEP 1. ASSESS RISK

- Assess all children at 1 year of age and again at age 2. Assess children 3-5 years of age who have not previously been assessed.
- Use the Risk Factor Questions below. You may need to ask additional questions specific to the child's community. Your local health department can help you with these additional questions if needed.
- If the answer to **any** of the questions is "yes" or "not sure", perform a blood lead screening test.

Risk Factor Questions	
Is the child -	
1. Eligible for or receiving Medicaid, VACMSIP or WIC benefits?	
2. Living in a ZIP Code determined to be high risk based on age of housing and other factors? (listed on reverse side)	
3. Living in or regularly visiting a house or day care center built before 1950?	
4. Living in or regularly visiting a house built before 1978 with peeling or chipping paint or recent (within the last 6 months), ongoing or planned renovation?	
5. Living with or regularly visiting a sibling, housemate or playmate with lead poisoning?	
6. Living with an adult whose job or hobby involves exposure to lead?	
7. Living near an active lead smelter, battery recycling plant, or other industry likely to release lead?	

STEP 2. SCREENING and CONFIRMATION

- **SCREENING** may be performed by using venous blood, capillary blood or blood on filter paper. Venous blood is preferred. The use of hand-held testing machines must be approved through the Lead-Safe Virginia Program at 804-225-4455.
- **CONFIRM** elevated non-venous blood lead levels $\geq 10 \mu\text{g/dL}$ with a venous or capillary blood test according to the schedule below. Venous blood is preferred. A second capillary blood test is allowable if performed within 12 weeks. Filter paper and hand-held devices are not appropriate for confirmatory testing.

If result of a non-venous screening test is:	Perform a confirmatory test <u>within:</u>
10-19 $\mu\text{g/dL}$	3 months
20-44 $\mu\text{g/dL}$	1 week - 1 month (The higher the screen test result, the sooner the diagnostic test should be performed.)
45-59 $\mu\text{g/dL}$	48 hours
60-69 $\mu\text{g/dL}$	24 hours
$\geq 70 \mu\text{g/dL}$	Immediately as an emergency lab test

STEP 3. REPORTING

- Virginia regulations require reporting of all test results $\geq 10 \mu\text{g/dL}$.
- However, **blood lead test $< 10 \mu\text{g/dL}$ results are requested to be reported.**
- Report test results to the Office of Epidemiology, Virginia Department of Health.

STEP 4. MEDICAL MANAGEMENT

- Refer to "Management of Children with Confirmed Elevated Blood Lead Levels" in the April 1999 issue of the *Epidemiology Bulletin* or the statewide screening plan (due to be distributed Fall 1999).
- Call a Regional Treatment Center near you.
- Call your local health department.

Call (804) 225-4455 (Lead-Safe Virginia Program, Virginia Department of Health) for information on Childhood Lead Poisoning in Virginia and publications available to medical professionals, parents, and others.

HIGH-RISK VIRGINIA ZIP CODES*

22001	22611	22849	23176	23509	23942	24237	24439
22002	22620	22851	23177	23510	23944	24245	24442
22010	22639	22853	23179	23511	23952	24250	24444
22012	22642	22901	23180	23517	23958	24251	24445
22021	22643	22903	23181	23521	23962	24258	24450
22025	22644	22929	23185	23523	23964	24265	24458
22046	22645	22931	23219	23604	23968	24270	24459
22068	22649	22935	23220	23607	23970	24272	24460
22080	22650	22937	23221	23651	23973	24273	24464
22115	22654	22938	23222	23661	23974	24277	24465
22117	22657	22939	23223	23665	24011	24282	24467
22129	22660	22943	23226	23803	24013	24283	24468
22130	22663	22947	23227	23821	24014	24285	24471
22132	22664	22959	23229	23824	24015	24289	24472
22134	22709	22964	23230	23827	24016	24292	24473
22141	22713	22969	23231	23828	24066	24293	24475
22171	22716	22971	23301	23829	24067	24315	24479
22176	22718	22972	23302	23830	24072	24316	24483
22201	22719	22980	23308	23837	24085	24318	24484
22203	22726	23009	23310	23839	24086	24319	24485
22204	22727	23013	23315	23840	24088	24322	24486
22205	22729	23016	23324	23842	24089	24323	24487
22206	22732	23021	23336	23844	24090	24325	24528
22207	22733	23022	23350	23846	24091	24326	24531
22211	22734	23023	23354	23847	24093	24330	24534
22301	22735	23024	23356	23850	24094	24333	24539
22302	22736	23025	23357	23851	24102	24340	24540
22305	22738	23027	23359	23859	24105	24343	24541
22307	22740	23029	23395	23866	24112	24347	24553
22314	22746	23038	23399	23867	24124	24350	24555
22401	22747	23045	23404	23868	24127	24352	24569
22427	22749	23047	23405	23872	24128	24366	24577
22435	22810	23066	23407	23874	24131	24368	24578
22439	22811	23069	23409	23881	24134	24370	24579
22448	22812	23079	23410	23888	24138	24375	24590
22454	22815	23083	23417	23890	24139	24378	24592
22473	22820	23084	23418	23894	24141	24380	24594
22480	22821	23108	23420	23901	24147	24382	24597
22488	22824	23109	23421	23915	24149	24401	24598
22503	22832	23110	23426	23920	24150	24413	24602
22504	22834	23118	23432	23922	24185	24416	24605
22509	22835	23125	23440	23923	24201	24422	24613
22514	22841	23130	23442	23924	24216	24426	24622
22539	22842	23139	23503	23930	24219	24430	24639
22560	22843	23149	23504	23934	24221	24432	24649
22568	22844	23153	23505	23936	24226	24433	24651
22579	22846	23156	23507	23937	24230	24435	
22601	22847	23157	23508	23938	24236	24437	

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*Areas with these zip codes have $\geq 27\%$ housing built before 1950 or a 12% prevalence of children with elevated blood lead levels per available screening data. ZIP Codes are from the 1990 Census. Any changes to ZIP Codes since 1990 should be considered when using this list.